

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A choke coil comprising:

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a closing magnetic core including[:]
a first magnetic core comprising a center magnetic leg, an outer magnetic leg, and a common magnetic yoke, and a second magnetic core in contact with said first magnetic core;

At

[an] a coreless coil [coiling] including a plate-type wire [made of] comprising at least one of a flat type wire and a foil type wire, wherein said coreless coil [being mounted to] is disposed around the center magnetic leg [via] and separated therefrom by an insulating layer [so situated to contact with said closing magnetic core, wherein]; and

[a terminal is] inside and outside terminals respectively coupled to [both ends] inside and outside ends of the plate-type wire of the coreless coil, wherein [and at least a] said inside terminal [coupled to an inside end] is led [out to] outside said closing magnetic core through at least one of a notch and an opening provided in at least one of [to one side of] said common magnetic [stool] yoke, of said first magnetic core, and said [closing] second magnetic core.

3. (Amended) The choke coil as defined in Claim 1, wherein said first magnetic core and said second magnetic core of said closing magnetic core [comprising:] comprise at least one of
A2 an [a combination of] EE-shape, an EI-shape and a TU-shape [closing magnetic cores].

4. (Amended) The choke coil as defined in Claim 3, wherein said closing magnetic core [comprising:] comprises a manganese ferrite core.

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5. (Amended) The choke coil as defined in Claim 1, wherein a magnetic gap is provided between said center magnetic leg of said first magnetic core and said second magnetic core [said closing magnetic core comprising a center magnetic leg including magnetic gap thereon].

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7. (Amended) The choke coil as defined in Claim 1, wherein said center magnetic leg of [the] said first magnetic core [closing magnetic core] has a cross section shaped in at least one of a circle, an ellipse and an oval.

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10. (Amended) The choke coil as defined in Claim 1, wherein a thickness of said second magnetic core [a free side of said common magnetic yoke of the closing magnetic core] is 65-90% that of a thickness of said common magnetic yoke of said first magnetic core provided with at least [another side where] one of the notch and the opening [for pulling out the terminal is provided].

11. (Amended) The choke coil as defined in Claim 1, wherein said [coreless coil is housed in] insulating layer comprises at least one of a resin molded case and an insulating case.

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13. (Amended) The choke coil as defined in Claim 1, wherein said coreless coil is shaped in at least one of a circle, an oval and an ellipse responsive to a shape of said center magnetic leg [of the closing magnetic core].

15. (Amended) The choke coil as defined in Claim 1, wherein a spacer is disposed between the plate-type wire and a connecting portion of the plate type wire which is located at a connection to least one of the inner terminal and the outer terminal [coupled to each end of the coreless coil].

16. (Amended) The choke coil as defined in Claim [12] 15, wherein a distance between the end of the plate-type wire and the connecting portion [of the terminal] is slightly extended.

17. (Amended) The choke coil as defined in Claim 1, wherein the insulating layer [formed between the coreless coil and the closing magnetic core] comprises a positioning protrusion which fits into at least one of the notch and the opening provided in [to the one side of] the common magnetic yoke [of the closing magnetic core].

18. (Amended) The choke coil as defined in Claim 1, wherein the insulating layer [formed between the coreless coil and the closing magnetic core] comprises a terminal base.

19. (Amended) The choke coil as defined in Claim 18, wherein said terminal base comprises[:] a base plate[,] and a cylinder, located in a center of the terminal base, wherein said cylinder engages with the center magnetic leg [of the closing magnetic core].

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20. (Amended) The choke coil as defined in Claim 19, wherein said cylinder of the terminal base [comprises: a cylinder having] includes a thickness deviation, and wherein a guiding portion is provided at a thicker part of said cylinder [for engaging] that engages with the inner terminal of the coreless coil.

22. (Amended) The choke coil as defined in Claim 18, wherein said terminal base comprises[:] a cylinder[, and] coupled to a separate base plate, [wherein said cylinder and said base plate are independently built and then coupled together].

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23. (Amended) The choke coil as defined in Claim 18, wherein said terminal base comprises[:] a base plate having a support protrusion at each corner thereof.

24. (Amended) The choke coil as defined in Claim 23, wherein said [support protrusions at each corner have a taper on a face into which an outer turn of the coreless coil is inserted] terminal base further comprises a cylinder engaging with the center magnetic leg, and each of said support protrusions at each corner has a taper on a face opposing the cylinder.

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26. (Amended) The choke coil as defined in Claim [17] 18, wherein [a terminal base has] the coreless coil is incorporated into said terminal base as one molding.

29. (Amended) The choke coil as defined in Claim [28] 1, [wherein said] further comprising an insulating sheet [has an engaging part at each outside corner thereof for engaging with one of the outer magnetic leg, an insulating enclosure of] provided between the coreless coil and the closing magnetic core [, and a support protrusion for the insulating sheet to be positioned].

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30. (Amended) The choke coil as defined in Claim 29, wherein said insulating sheet [has] includes at least one of an opening, which fits into the center magnetic leg of the closing magnetic core, and an engaging part at each outside corner thereof.

31. (Amended) The choke coil as defined in Claim 1, wherein the inner terminal and outer terminal each comprise [coupled to both ends of coreless coil employs] at least one of a plate-type terminal and a pin-type terminal.

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38. (Amended) The choke coil as defined in Claim 1, wherein an insulating plate is provided beneath a bottom face of the closing magnetic core [for guiding the terminal].

[Please add the following new claim:]

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--39. The choke coil as defined in Claim 24, wherein a bent portion disposed on the outer end of the coreless coil is engaged with an end face of one of the support protrusions.--